The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/777,145
Source:	
Date Processed by STIC:	

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IFWO

RAW SEQUENCE LISTING

DATE: 10/18/2004

PATENT APPLICATION: US/10/777,145

TIME: 10:11:54

Input Set : N:\Crf3\RULE60\10777145.raw.txt Output Set: N:\CRF4\10182004\J777145.raw

SEQUENCE LISTING

			SEQUENCE DISTING
	3		RAL INFORMATION:
	5	(i)	APPLICANT: Schlessinger, Joseph
	6		Sap, Jan M.
	8	(ii)	TITLE OF INVENTION: NOVEL RECEPTOR-TYPE PHOSPHOTYROSINE
	9		PHOSPHATASE-ALPHA
	11	(iii)	NUMBER OF SEQUENCES: 14
	13	(iv)	CORRESPONDENCE ADDRESS:
	14		(A) ADDRESSEE: PENNIE & EDMONDS
	15		(B) STREET: 1155 AVENUE OF THE AMERICAS
	16		(C) CITY: NEW YORK
	17		(D) STATE: NEW YORK
	18		(E) COUNTRY: U.S.A.
	19		(F) ZIP: 10036
	21	(v)	COMPUTER READABLE FORM:
	22	χ.	(A) MEDIUM TYPE: Floppy disk
	23		(B) COMPUTER: IBM PC compatible
	24		(C) OPERATING SYSTEM: PC-DOS/MS-DOS
	25		(D) SOFTWARE: PatentIn Release #1.0, Version #1.25
	27	(vi)	CURRENT APPLICATION DATA:
C>	28		(A) APPLICATION NUMBER: US/10/777,145
C>	29		(B) FILING DATE: 13-Feb-2004
	30		(C) CLASSIFICATION:
	32	(vii)	PRIOR APPLICATION DATA:
W>	33		(A) APPLICATION NUMBER: US/09/280,597
	34		(B) FILING DATE: 29-MAR-1999
W>	35		(A) APPLICATION NUMBER: US 08/015,985
	36		(B) FILING DATE: 10-FEB-1993
	38	(viii)	ATTORNEY/AGENT INFORMATION:
	39		(A) NAME: Coruzzi, Laura A.
	40		(B) REGISTRATION NUMBER: 30,742
	41		(C) REFERENCE/DOCKET NUMBER: 7683-020
	43	(ix)	TELECOMMUNICATION INFORMATION:
	44		(A) TELEPHONE: (212) 790-9090
`	45		(B) TELEFAX: (212) 869-9741/8864
	46		(C) TELEX: 66141 PENNIE
	50	(2) INFO	RMATION FOR SEQ ID NO: 1:
	52	(i)	SEQUENCE CHARACTERISTICS:
	53		(A) LENGTH: 802 amino acids
	54		(B) TYPE: amino acid
	55		(D) TOPOLOGY: linear
	57		MOLECULE TYPE: protein
	59	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO: 1:
		_	

RAW SEQUENCE LISTING DATE: 10/18/2004
PATENT APPLICATION: US/10/777,145 TIME: 10:11:54

Input Set: N:\Crf3\RULE60\10777145.raw.txt
Output Set: N:\CRF4\10182004\J777145.raw

	Met	Asp	Ser	Trp	Phe 5	Ile.	Leu	Val	Leu	Leu 10	Gly	Ser	Gly	Leu	Ile 15	Cys
62 64 65	1 Val	Ser	Ala	Asn 20		Ala	Thr	Thr	Val 25		Pro	Ser	Val	Gly 30		Thr
67 68	Arg	Leu	Ile 35		Ser	Ser	Thr	Ala 40		Pro	Val	Lys	Glu 45	Glu	Ala	Lys
70 71	Thr	Ser 50		Pro	Thr	Ser	Ser 55		Thr	Ser	Leu	Ser 60	Val	Ala	Pro	Thr
73 74	Phe 65	Ser				70					75					80
77	Ser				85					90					95	
80	Ile			100					105					110		
83	Phe		115					120					125			
86	Ala Asp	130					135					140			•	
89	145	_				150					155					160
91 92	Ser	Leu	Leu	Val	Ile 165	Val	Phe	Ile	Ile	Ile 170	Val	Leu	Tyr	Met	Leu 175	Arg
94	Phe	Lys	Lys		Lys	Gln	Ala	Gly	Ser 185	His	Ser	Asn	Ser	Phe 190	Arg	Leu
95 97	Ser	Asn	Gly	180 Arg	Thr	Glu	Asp	Val		Pro	Gln	Ser			Leu	Leu
98	וב ח	a Δή	195	r Pro	n Sei	r Thi	r Asr	200 Arc	ı Lv	s Tvi	r Pro	o Pro	205 Let	Pro د	o Vai	l Asp
10	1	21	0				215	5				22)			
	3 Ly 4 22		u Gli	u GI1	ı GII	1 116 230		ı Arç	g Ar	д ме	235) As) AS	тп	s Leu 240
		e Ar	g Gl	u Gl			n Ala	a Lei	ı Pro	o Ala 25		s Pro	o Ile	e Gl	n Ala 25	a Thr
10 10	7 9 Cy	s Gl	u Ala	a Ala	24! a Se:		s Glı	ı Glı	ı Ası			ь Гу	s As	n Ar		r Val
11	.0			26	0				26	5		•		27	0	l Glu
11	.3		27	5				28	0				28	5		
11 11		y Va 29		o As	p Se:	r Ası	o Ty :		e Asi	n Ala	a Se	r Ph 30		e As:	n GI	y Tyr
11	.8 Gl	n Gl		s As:	n Ly	s Phe	e Ile	e Ala	a Al	a Gl:	n Gly	y Pr	о Ly	s Gl	u Gl	u Thr
11	.9 30 1 Va	5 1 A a	n Ası	n Ph	e Tri	310 n Arc	0 or Miet	. Il	e Tr	p Gl	31! u Gl:	o n As:	n T h	r Al	a Th	320 r Ile
1.2	2				32	5				33	0				33	5
12 12		l Me	t Va	1 Th 34		n Lei	u Ly:	s Gl	u Ar 34		s Glı	и Су	s Ly	s Cy 35	s Al O	a Gln
12	7 Ty	r Tr			p Gl	n Gl	у Су			r Ty	r Gl	y As	n Il 36	e Ar	g Va	l Ser
12 13	80 Va	1 G1	35 u As		1 Th	r Va	l Lei	36 u Va		р Ту	r Th		l Ar		s Ph	e Cys
13	1	37					37					38				
12	17 F	മ ദി	n Gl	n Va] G1:	v Ası	o Mei	t Th	r As	n Ar	q Ly:	s Pr	o Gl	n Ar	g Le	u Ile

PATENT APPLICATION: US/10/777,145

DATE: 10/18/2004 TIME: 10:11:54

Input Set : N:\Crf3\RULE60\10777145.raw.txt
Output Set: N:\CRF4\10182004\J777145.raw

134						390					395					400
136	Thr	Gln	Phe	His	Phe	Thr	Ser	Trp	Pro	Asp	Phe	Gly	Val	Pro	Phe	Thr
137					405					410					415	
139	Pro	Ile	Gly	Met	Leu	Lys	Phe	Leu	Lys	Lys	Val	Lys	Ala	Cys	Asn	Pro
140				420					425					430		
142	Gln	Tyr	Ala	Gly	·Ala	Ile	Val	Val	His	Cys	Ser	Ala	Gly	Val	Gly	Arg
143		•	435	-				440		_			445			
	Thr	Glv	Thr	Phe	Val	Val	Ile	asp	Ala	Met	Leu	Asp	Met	Met	His	Thr
146		450					455	-				460				
	Glu		Lvs	Val	Asp	Val	Tvr	Glv	Phe	Val	Ser	Arq	Ile	Arq	Ala	Gln
	465	5	-1-			470					475	J		_		480
		Cvs	Gln	Met	Vál		Thr	Asp	Met	Gln	Tvr	Val	Phe	Ile	Tyr	Gln
152	11119	0,0	0		485			F		490	1	. 1			495	
154	Δla	T.e11	Len	Glu		Tvr	Len	Tvr	Glv		Thr	Glu	Leu	Glu	Val	Thr
155	211.4	пса	шси	500		-1-		-1-	505					510		
	cor	T 011	Glu	Thr	Wie	T.011	Gln	Tare		Tvr	Asn	Lvs	Tle		Glv	Thr
158	SCI	пец	515	TIIT	1115	ДСц	0111	520	110	-1-		-1-	525		1	
	Cor	N an		Gly	Leu	Glu	Glu		Dhe	Ťæ	Lvs	Len		Ser	Tle	Lvs
		530		Gry	цец	GIU	535	Gru	1110	Lys		540		501		272
161				Asp	Tara	Mot		Thr	Clv	Δan			Δla	Asn	Met	Lvs
		GIII	ASII	Asp	цуъ	550	Arg	TIIT	Gry	ABII	555	110	111 a	11011	1100	560
	545	7 an	7.~~	Val	T 011		Tla	Tlo	Dro	Tur		Dhe	Agn	Ara	Val	
	ьуѕ	ASII	Arg	vai	565	GIII	176	116	FIO	570	GIU	1110	11011	111.9	575	120
167	T].	D	77 - 7	Lys		~1··	C7.,	C1.,	7 an		7 cm	ጥነ፣	17 - 1	Λen		Ser
	116	PIO	Val	шу≲ 580	Arg	Gry	GIU	GIU	585	1111	PSD	ıyı	Val	590	111.4	501
170	D1	~ 1.	7	Gly	M	70	~1 _~	T		Cor	TT rec	т10	Nlα		Gln	Glv
	Pne	ire		GIY	ıyı	Arg	GIII	600	Asp	per	тут	116	605	JCI	0111	Gry
173	D	T	595	His	mla sa	т1.	~1		Dho	Trn	7.20	-		Trn	Glu	Trn
	Pro		ьeu	HIS	TIIL	TTE		Asp	Pile	пр	Arg	620	116	пр	GIU	пр
176	.	610	a	a	T1.	170]	615 Mat	T 011	Прж	C1	T 011		Clu	Λrα	Glv	Gln
		ser	Cys	ser	TTE		мес	ьец	TIII	GIU	635	GIU	GIU	Arg	Gry	Gln 640
	625	.	~	77-	~1. -	630	Ш	D	0	7		Τ 011	Val.	cor	Птт	
	GIU	ьys	Cys	Ala		туг	ттр	PLO	ser		GIY	ьеи	vai	SET	655	Gly
182	_		ml	**- 7	645	T	T	T	<i>α</i> 1	650	~1	Crra	C1.,	cor		Thr
	Asp	He	Thr		GIU	ьeu	ьуs			GIU	GIU	cys	GIU		TYL	Thr
185			_	660	_		1			3	a 1	7	T	670	7~	@1 m
	Val	Arg		Leu	Leu	Val	Thr		Thr	Arg	GIU	ASII		ser	Arg	Gln
188	_		675		1	_,		680	_	_	~ 1	** . 3	685	T7.	D	C 0
			GIn	Phe	His	Phe		GLY	Trp	Pro	GIU		GIY	тте	PIO	Ser
191		690		_ (_	695					700	~-3	_	~ 1	61
		Gly	Lys	Gly	Met		Ser	Ile	He	Ala		vaı	GIn	гуѕ	GIN	Gln
	705					710		_			715	_				720
196	Gln	Gln	Ser	Gly		His	Pro	Ile	Thr		His	Cys	ser	Ата		Ala
197					725				•	730					735	
199	Gly	Arg	Thr	Gly	Thr	Phe	Cys	Ala	Leu	Ser	Thr	Val	Leu		Arg	Val
200				740					745					750	_	
. 202	Lys	Ala	Glu	Gly	Ile	Leu	Asp		Phe	Gln	Thr	Val		Ser	Leu	Arg
203			755					760					765			
205	Leu	Gln	Arg	Pro	His	Met	Val	Gln	Thr	Leu	Glu	Gln	Tyr	Glu	Phe	Cys
206		770					775					780				
	•															

DATE: 10/18/2004 TIME: 10:11:54

PATENT APPLICATION: US/10/777,145

Input Set : N:\Crf3\RULE60\10777145.raw.txt
Output Set: N:\CRF4\10182004\J777145.raw

```
208 Tyr Lys Val Val Gln Glu Tyr Ile Asp Ala Phe Ser Asp Tyr Ala Asn
209 785
                        790
                                            795
211 Phe Lys
214 (2) INFORMATION FOR SEQ ID NO: 2:
         (i) SEQUENCE CHARACTERISTICS:
216
              (A) LENGTH: 2409 base pairs
217
              (B) TYPE: nucleic acid
218
              (C) STRANDEDNESS: double
219
              (D) TOPOLOGY: unknown
220
        (ii) MOLECULE TYPE: cDNA
222
        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                            60
226 ATGGATTCCT GGTTCATTCT TGTTCTGCTC GGCAGTGGTC TGATATGTGT CAGTGCCAAC
228 AATGCTACCA CAGTTGCACC TTCTGTAGGA ATTACAAGAT TAATTAACTC ATCAACGGCA
                                                                           120
230 GAACCAGTTA AAGAAGAGGC CAAAACTTCA AATCCAACTT CTTCACTAAC TTCTCTTTCT
232 GTGGCACCAA CATTCAGCCC AAATATAACT CTGGGACCCA CCTATTTAAC CACTGTCAAT
234 TCTTCAGACT CTGACAATGG GACCACAAGA ACAGCAAGCA CCAATTCTAT AGGCATTACA
                                                                           300
236 ATTTCACCAA ATGGAACGTG GCTTCCAGAT AACCAGTTCA CGGATGCCAG AACAGAACCC
                                                                           360
238 TGGGAGGGA ATTCCAGCAC CGCAGCAACC ACTCCAGAAA CTTTCCCTCC TTCAGGTAAT
                                                                           420
240 TCTGACTCGA AGGACAGAAG AGATGAGACA CCAATTATTG CGGTGATGGT GGCCCTGTCC
                                                                           480
242 TCTCTGCTAG TGATCGTGTT TATTATCATA GTTTTGTACA TGTTAAGGTT TAAGAAATAC
                                                                           540
244 AAGCAAGCTG GGAGCCATTC CAATTCTTTC CGCTTATCCA ACGGCCGCAC TGAGGATGTG
                                                                           600
246 GAGCCCCAGA GTGTGCCACT TCTGGCCAGA TCCCCAAGCA CCAACAGGAA ATACCCACCC
                                                                           660
248 CTGCCCGTGG ACAAGCTGGA AGAGGAAATT AACCGGAGAA TGGCAGACGA CAATAAGCTC
                                                                           720
250 TTCAGGGAGG AATTCAACGC TCTCCCTGCA TGTCCTATCC AGGCCACCTG TGAGGCTGCT
                                                                           780
252 TCCAAGGAGG AAAACAAGGA AAAAAATCGA TATGTAAACA TCTTGCCTTA TGACCACTCT
                                                                           840
254 AGAGTCCACC TGACACCGGT TGAAGGGGTT CCAGATTCTG ATTACATCAA TGCTTCATTC
                                                                           900
256 ATCAACGGTT ACCAAGAAAA GAACAAATTC ATTGCTGCAC AAGGACCAAA AGAAGAAACG
                                                                           960
258 GTGAATGATT TCTGGCGGAT GATCTGGGAA CAAAACACAG CCACCATCGT CATGGTTACC
                                                                          1020
260 AACCTGAAGG AGAGAAAGGA GTGCAAGTGC GCCCAGTACT GGCCAGACCA AGGCTGCTGG
                                                                          1080
262 ACCTATGGGA ATATTCGGGT GTCTGTAGAG GATGTGACTG TCCTGGTGGA CTACACAGTA
                                                                          1140
264 CGGAAGTTCT GCATCCAGCA GGTGGGCGAC ATGACCAACA GAAAGCCACA GCGCCTCATC
266 ACTCAGTTCC ACTTTACCAG CTGGCCAGAC TTTGGGGTGC CTTTTACCCC GATCGGCATG
268 CTCAAGTTCC TCAAGAAGGT GAAGGCCTGT AACCCTCAGT ATGCAGGGGC CATCGTGGTC
                                                                          1320
270 CACTGCAGTG CAGGTGTAGG GCGTACAGGT ACCTTTGTCG TCATTGATGC CATGCTGGAC
                                                                          1380
272 ATGATGCATA CAGAACGGAA GGTGGACGTG TATGGCTTTG TGAGCCGGAT CCGGGCACAG
                                                                          1440
274 CGCTGCCAGA TGGTGCAAAC CGATATGCAG TATGTCTTCA TATACCAAGC CCTTCTGGAG
                                                                          1500
276 CATTATCTCT ATGGAGATAC AGAACTGGAA GTGACCTCTC TAGAAACCCA CCTGCAGAAA
                                                                          1560
278 ATTTACAACA AAATCCCAGG GACCAGCAAC AATGGATTAG AGGAGGAGTT TAAGAAGTTA
                                                                          1620
280 ACATCAATCA AAATCCAGAA TGACAAGATG CGGACTGGAA ACCTTCCAGC CAACATGAAG
                                                                          1680
282 AAGAACCGTG TTTTACAGAT CATTCCATAT GAATTCAACA GAGTGATCAT TCCAGTTAAG
284 CGGGGCGAAG AGAATACAGA CTATGTGAAC GCATCCTTTA TTGATGGCTA CCGGCAGAAG
                                                                          1800
286 GACTCCTATA TCGCCAGCCA GGGCCCTCTT CTCCACACAA TTGAGGACTT CTGGCGAATG
                                                                          1860
288 ATCTGGGAGT GGAAATCCTG CTCTATCGTG ATGCTAACAG AACTGGAGGA GAGAGGCCAG
                                                                          1920
290 GAGAAGTGTG CCCAGTACTG GCCATCTGAT GGACTGGTGT CCTATGGAGA TATTACAGTG
                                                                          1980
292 GAACTGAAGA AGGAGGAGGA ATGTGAGAGC TACACCGTCC GAGACCTCCT GGTCACCAAC
                                                                          2040
294 ACCAGGGAGA ATAAGAGCCG GCAGATCCGG CAGTTCCACT TCCATGGCTG GCCTGAAGTG
                                                                          2100
296 GGCATCCCCA GTGACGGAAA GGGCATGATC AGCATCATCG CCGCCGTGCA GAAGCAGCAG
298 CAGCAGTCAG GGAACCACCC CATCACCGTG CACTGCAGCG CCGGGGCAGG AAGGACGGGG
                                                                          2220
300 ACCTTCTGTG CCCTGAGCAC CGTCCTGGAG CGTGTGAAAG CAGAGGGGAT TTTGGATGTC
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DATE: 10/18/2004 PATENT APPLICATION: US/10/777,145 TIME: 10:11:54

Input Set : N:\Crf3\RULE60\10777145.raw.txt Output Set: N:\CRF4\10182004\J777145.raw

																GAACA		2340
	TATGAGTTCT GCTACAAGGT GGTGCAGGAG TATATTGATG CATTCTCAGA TTATGCCAAC													3	2400			
															2409			
309	(2) INFORMATION FOR SEQ ID NO: 3:																	
311	~ ~																	
312																		
313																		
314																		
316	,	(ii)) MOI	LECUI	LE T	YPE:	pro	cein										
318				_					SEQ :									
320	Met	Asp	Ser	Trp	Phe	Ile	Leu	Val	Leu	Phe	Gly	Ser	Gly	Leu	Ile	His		
321	1				5					10					15			
323	Val	Ser	Ala	Asn	Asn	Ala	Thr	Thr	Val	Ser	Pro	Ser	Leu	Gly	Thr	Thr		
324				20					25					30				
326	Arg	Leu	Ile	Lys	Thr	Ser	Thr	Thr	Glu	Leu	Ala	Lys	Glu	Glu	Asn	Lys		
327			35					40					45					
329	Thr	Ser	Asn	Ser	Thr	Ser	Ser	Val	Ile	Ser	Leu	Ser	Val	Ala	Pro	Thr		,
330		50					55					60						
332	Phe	Ser	Pro	Asn	Leu	Thr	Leu	Glu	Pro	Thr	Tyr	Val	Thr	Thr	Val	Asn		
333	65					70					75					80		
335	Ser	Ser	His	Ser	Asp	Asn	Gly	Thr	Arg	Arg	Ala	Ala	Ser	Thr	Glu	Ser .		
336					85					90					95			
338	Gly	Gly	Thr	Thr	Ile	Ser	Pro	Asn	Gly	Ser	Trp	Leu	Ile	Glu	Asn	Gln		
339				100					105					110				•
341	Phe	Thr	Asp	Ala	Ile	Thr	Glu	Pro	Trp	Glu	Gly	Asn	Ser	Ser	Thr	Ala		
342			115					120					125					
344	Ala	Thr	Thr	Pro	Glu	Thr	Phe	Pro	Pro	Ala	Asp	Glu	Thr	Pro	Ile	Ile		
345		130					135					140						
347	Ala	Val	Met	Val	Ala	Leu	Ser	Ser	Leu	Leu	Val	Ile	Val	Phe	Ile	Ile		
	145					150					155					160		
350	Ile	Val	Leu	Tyr	Met	Leu	Arg	Phe	Lys	Lys	Tyr	Lys	Gln	Ala	Gly	Ser		
351				A.	165					170	,				175			
353	His	Ser	Asn		Phe	Arg	Leu	Ser	Asn	Gly	Arg	Thr	Glu	Asp	Val	Glu		
354				180					185					190				
	Pro	Gln		Val	Pro	Leu	Leu		_		Pro	Ser		Asn	Arg	Lys		
357			195					200					205	•				
	Tyr		Pro	Leu	Pro	Val		Lys	Leu	Glu	Glu		Ile	Asn	Arg	Arg		
360		210					215					220						
		Ala	Asp	Asp	Asn	_	Leu	Phe	Arg	Glu			Asn	Ala	Leu			
363						230					235					240		
	Ala	Cys.	Pro	Ile		Ala	Thr	Cys	Glu	Ala	Ala	Ser	Lys	Glu	Glu	Asn		•
366					245					250					255			
	Lys	Glu	Lys		Arg	Tyr	Val	Asn		Leu	Pro	Tyr	Asp	His	Ser	Arg		
369				260					265					270				
	Val	His		Thr	Pro	Val	Glu	_	Val	Pro	Asp	Ser	_	Tyr	Ile	Asn		
372			275					280					285					
	Ala		Phe	Ile	Asn	Gly		Gln	Glu	Lys	Asn		Phe	Ile	Ala	Ala		
375		290					295					300						
377	Gln	Gly	Pro	Lys	Glu	Glu	Thr	Val	Asn	Asp	Phe	Trp	Arg	Met	Ile	Trp		

RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/777,145

DATE: 10/18/2004 TIME: 10:11:55

Input Set : N:\Crf3\RULE60\10777145.raw.txt
Output Set: N:\CRF4\10182004\J777145.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; Xaa Pos.8,12,21,22,24,25,27,28,30,37,39,47,57,72,77,89,94,95,99,104 Seq#:9; Xaa Pos.109,111,115,116,124,125,131,133,135,137,138,139,143,144,153 Seq#:9; Xaa Pos.155,170,174,176,179,180,181,182,183,186,205,211,212,214,215 Seq#:9; Xaa Pos.217,222,227,230,232,240,244,247 Seq#:14; Xaa Pos.10,20,21,22,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38 Seq#:14; Xaa Pos.39,40,41,42,43,55,67,70,87,95,96,97,99,100,103,105,106,112

Seq#:14; Xaa Pos.114,115,116,120,121,123,126,127,128,133,137,138,139,141 Seq#:14; Xaa Pos.143,149,151,182,186,188,195,196,197,198,199,200,201,202 Seq#:14; Xaa Pos.205,209,212,213,214,218,222,224,228,229,244,247,254,257

Seq#:14; Xaa Pos.264,265,266,267

VERIFICATION SUMMARY

DATE: 10/18/2004

PATENT APPLICATION: US/10/777,145

TIME: 10:11:55

Input Set : N:\Crf3\RULE60\10777145.raw.txt Output Set: N:\CRF4\10182004\J777145.raw

L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:35 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)

L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0

M:341 Repeated in SeqNo=9

L:1142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0

M:341 Repeated in SeqNo=14